LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	564	567	582	rBV	758669	819675	26.79%	2.459%
2	6.445	738	741	755	rVB	829079	871625	28.49%	2.615%
3	6.581	760	764	770	rBV	1003614	889081	29.06%	2.667%
4	6.804	799	802	806	rBV	701767	618128	20.20%	1.854%
5	6.845	806	809	811	rVV	215171	195241	6.38%	0.586%
6	6.963	825	829	832	rBV	895137	722706	23.62%	2.168%
7	7.369	895	898	901	rBV	561781	454011	14.84%	1.362%
8	7.887	982	986	999	rBV	100777	178344	5.83%	0.535%
9	8.092	1018	1021	1025	rVV	970069	776738	25.39%	2.330%
10	8.681	1118	1121	1124	rVB	166042	158091	5.17%	0.474%
11	8.734	1124	1130	1134	rBV2	217513	185759	6.07%	0.557%
12	8.786	1134	1139	1140	rBV	142425	185432	6.06%	0.556%
13	9.163	1200	1203	1208	rBV	1257904	1115337	36.45%	3.346%
14	9.239	1213	1216	1219	rVV	181408	146601	4.79%	0.440%
15	9.281	1219	1223	1226	rVV	227204	217219	7.10%	0.652%
16	9.539	1264	1267	1272	rVV2	87786	108361	3.54%	0.325%
17	9.586	1272	1275	1280	rVB2	96501	105781	3.46%	0.317%
18	9.645	1280	1285	1289	rBV2	121561	184236	6.02%	0.553%
19	9.710	1293	1296	1298	rVV	157893	129521	4.23%	0.389%
20	9.769	1302	1306	1308	rBV	168879	148623	4.86%	0.446%
21	9.851	1314	1320	1324	rBV3	935028	1188413	38.84%	3.565%
22	9.910	1327	1330	1332	rVV	184371	145443	4.75%	0.436%
23	9.945	1332	1336	1341	rVB2	415310	478002	15.62%	1.434%
24	9.998	1341	1345	1348	rVB	261536	243496	7.96%	0.730%
25	10.045	1348	1353	1358	rBV2	224279	279607	9.14%	0.839%
26	10.098	1358	1362	1365	rVB2	123998	139938	4.57%	0.420%
27	10.128	1365	1367	1369	rBV	101274	80991	2.65%	0.243%
28	10.239	1383	1386	1389	rBV3	74684	87093	2.85%	0.261%
29	10.269	1389	1391	1394	rBV	271931	187248	6.12%	0.562%
30	10.586	1441	1445	1447	rBV2	66102	81024	2.65%	0.243%
31	10.639	1451	1454	1458	rBV2	557645	555383	18.15%	1.666%
32	10.710	1464	1466	1469	rVV2	135209	131236	4.29%	0.394%
33	10.745	1469	1472	1476	rVV	400738	387638	12.67%	1.163%
34	10.886	1493	1496	1500	rVB2	298681	266131	8.70%	0.798%

LSC Area Percent Report

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Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.928	1500	1503	1504	rVV2	169449	176315	5.76%	0.529%
36	10.945	1504	1506	1508	rVV	536748	501920	16.40%	1.506%
37	10.963	1508	1509	1512	rVV	194754	185225	6.05%	0.556%
38	11.010	1515	1517	1519	rVV	277976	283304	9.26%	0.850%
39	11.033	1519	1521	1522	rVV	180018	149325	4.88%	0.448%
40	11.051	1522	1524	1526	rVV	208903	211444	6.91%	0.634%
41	11.104	1529	1533	1536	rVV3	176065	234394	7.66%	0.703%
42	11.157	1539	1542	1546	rVV2	180560	254149	8.31%	0.762%
43	11.192	1546	1548	1550	rVV	210413	151601	4.95%	0.455%
44	11.222	1550	1553	1557	rVB2	94469	127077	4.15%	0.381%
45	11.339	1569	1573	1576	rBV	858566	743373	24.30%	2.230%
46	11.598	1614	1617	1619	rBV	131750	124157	4.06%	0.372%
47	11.675	1627	1630	1633	rVV	284816	288423	9.43%	0.865%
48	11.722	1636	1638	1644	rVB3	110186	134530	4.40%	0.404%
49	11.804	1648	1652	1654	rVV	163053	178598	5.84%	0.536%
50	11.851	1654	1660	1666	rVV	445096	790557	25.84%	2.371%
51	11.916	1669	1671	1674	rVV2	200212	261798	8.56%	0.785%
52	11.951	1674	1677	1679	rVV2	155555	223377	7.30%	0.670%
53	11.975	1679	1681	1683	rVV2	130482	160637	5.25%	0.482%
54	11.998	1683	1685	1688	rVV	147612	178593	5.84%	0.536%
55	12.027	1688	1690	1696	rVB2	268055	279858	9.15%	0.839%
56	12.086	1696	1700	1703	rVB	101013	100460	3.28%	0.301%
57	12.127	1704	1707	1710	rBV	131303	128982	4.22%	0.387%
58	12.322	1737	1740	1742	rVV2	90780	89795	2.93%	0.269%
59	12.374	1747	1749	1751	rVV	80847	79475	2.60%	0.238%
60	12.398	1751	1753	1755	rVV	110114	91077	2.98%	0.273%
61	12.510	1768	1772	1775	rVV	225843	275823	9.01%	0.827%
62	12.533	1775	1776	1781	rVV	69870	89972	2.94%	0.270%
63	12.627	1789	1792	1795	rVV	177050	195611	6.39%	0.587%
64	12.663	1795	1798	1802	rVV	454739	647183	21.15%	1.941%
65	12.722	1805	1808	1810	rVV2	221567	293678	9.60%	0.881%
66	12.751	1810	1813	1815	rVV2	200952	311685	10.19%	0.935%
67	12.792	1818	1820	1822	rVV	266793	289433	9.46%	0.868%
68	12.810	1822	1823	1827	rVV2	224782	242308	7.92%	0.727%
69	12.851	1827	1830	1832	rVV	94426	121747	3.98%	0.365%
70	12.886	1834	1836	1839	rVV	157460	165580	5.41%	0.497%
71	12.922	1839	1842	1847	rVB	1120189	1005755	32.87%	3.017%

LSC Area Percent Report

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Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.010	1855	1857	1862	rBV	79092	82286	2.69%	0.247%
73	13.063	1863	1866	1868	rVB	136282	109705	3.59%	0.329%
74	13.127	1875	1877	1883	rVB3	69902	92937	3.04%	0.279%
75	13.269	1897	1901	1907	rVV	169666	235665	7.70%	0.707%
76	13.380	1917	1920	1922	rVV	184723	199034	6.50%	0.597%
77	13.404	1922	1924	1927	rVV	393643	464220	15.17%	1.393%
78	13.463	1931	1934	1935	rVV	170123	179677	5.87%	0.539%
79	13.486	1935	1938	1941	rVV3	241584	362358	11.84%	1.087%
80	13.516	1941	1943	1950	rVV2	143792	304738	9.96%	0.914%
81	13.574	1950	1953	1956	rVV2	81095	129517	4.23%	0.389%
82	13.610	1956	1959	1961	rVV	114195	115976	3.79%	0.348%
83	13.739	1979	1981	1984	rVB	112936	93890	3.07%	0.282%
84	13.792	1987	1990	1996	rBV3	313834	402182	13.14%	1.206%
85	13.963	2015	2019	2020	rBV2	131577	129252	4.22%	0.388%
86	13.986	2020	2023	2028	rVB	683311	627855	20.52%	1.883%
87	14.092	2039	2041	2043	rBV	232799	186347	6.09%	0.559%
88	14.110	2043	2044	2047	rVV	131500	126776	4.14%	0.380%
89	14.139	2047	2049	2051	rVB	160820	134825	4.41%	0.404%
90	14.174	2051	2055	2060	rBV2	129641	219385	7.17%	0.658%
91	14.239	2064	2066	2069	rVV	73985	74097	2.42%	0.222%
92	14.274	2069	2072	2074	rVB	87209	81745	2.67%	0.245%
93	14.380	2087	2090	2095	rVB2	203739	194200	6.35%	0.583%
94	14.433	2095	2099	2107	rBV3	205044	372516	12.17%	1.117%
95	14.733	2146	2150	2153	rBV2	252024	382054	12.49%	1.146%
96	14.821	2161	2165	2169	rVB	399974	419217	13.70%	1.258%
97	15.321	2247	2250	2253	rBV2	62228	78103	2.55%	0.234%
98	15.457	2268	2273	2279	rBV2	398489	677949	22.16%	2.034%
99	17.668	2640	2649	2659	rVB	601990	1570736	51.34%	4.712%
100	19.268	2902	2921	2938	rVB2	635471	3059763	100.00%	9.178%

Sum of corrected areas: 33336377

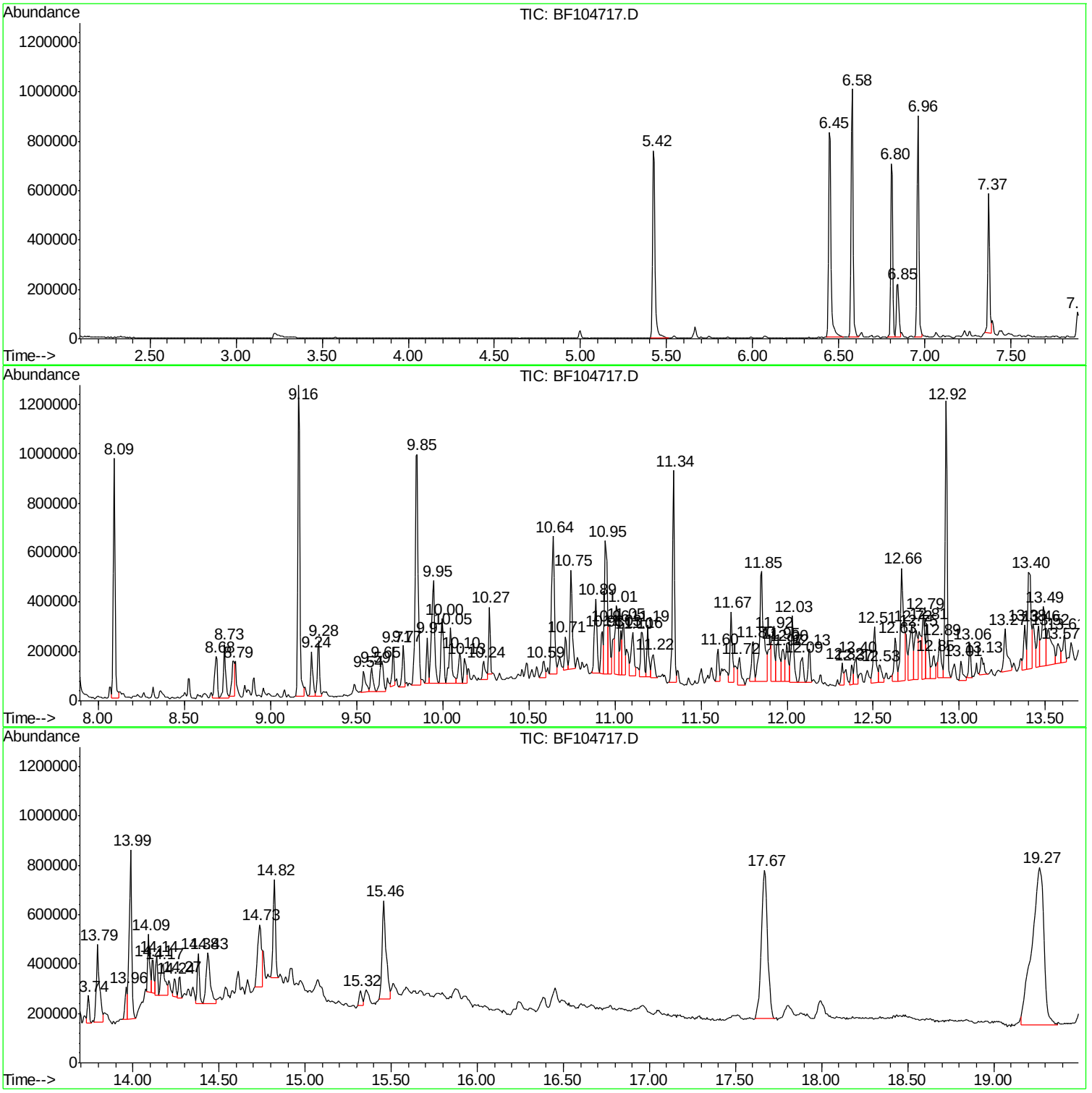
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

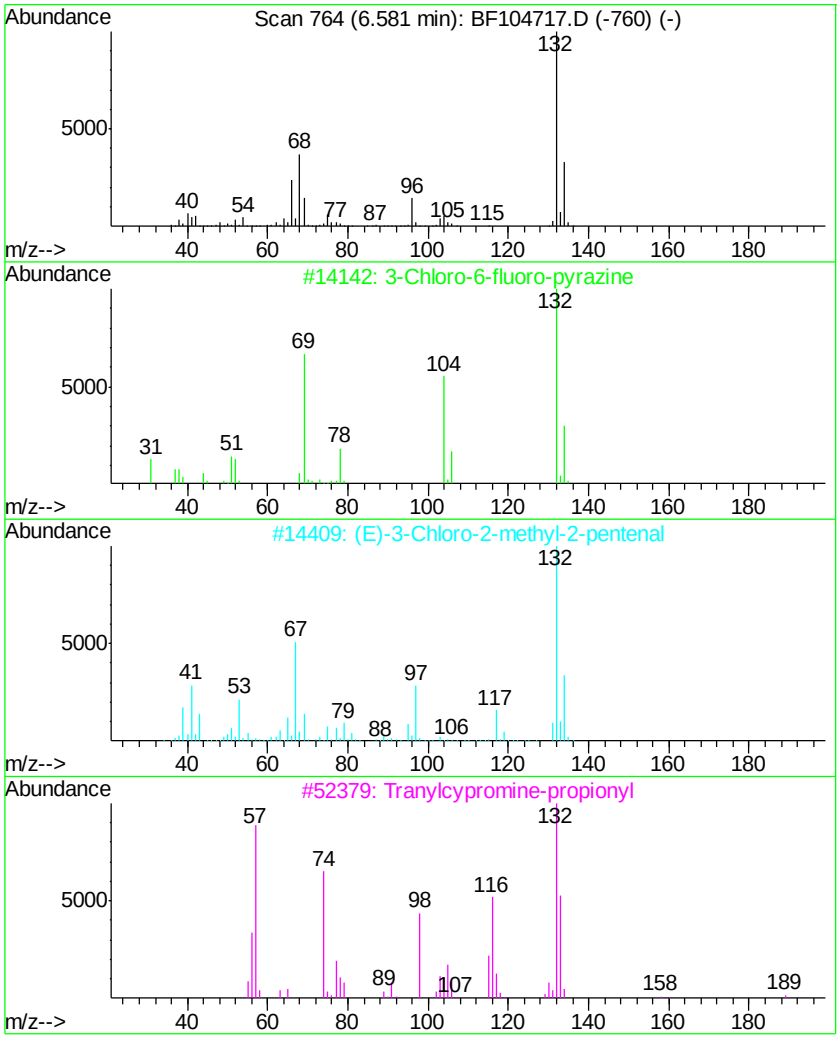
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

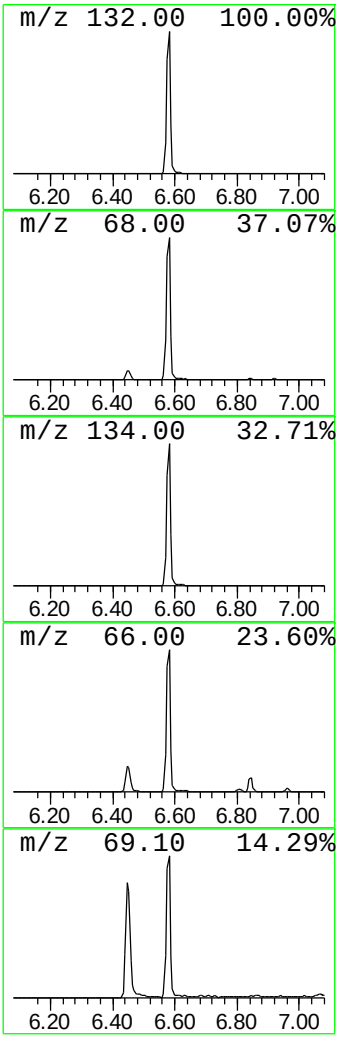
****

Peak Number 1 unknown6.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	28.77 ng	889081	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

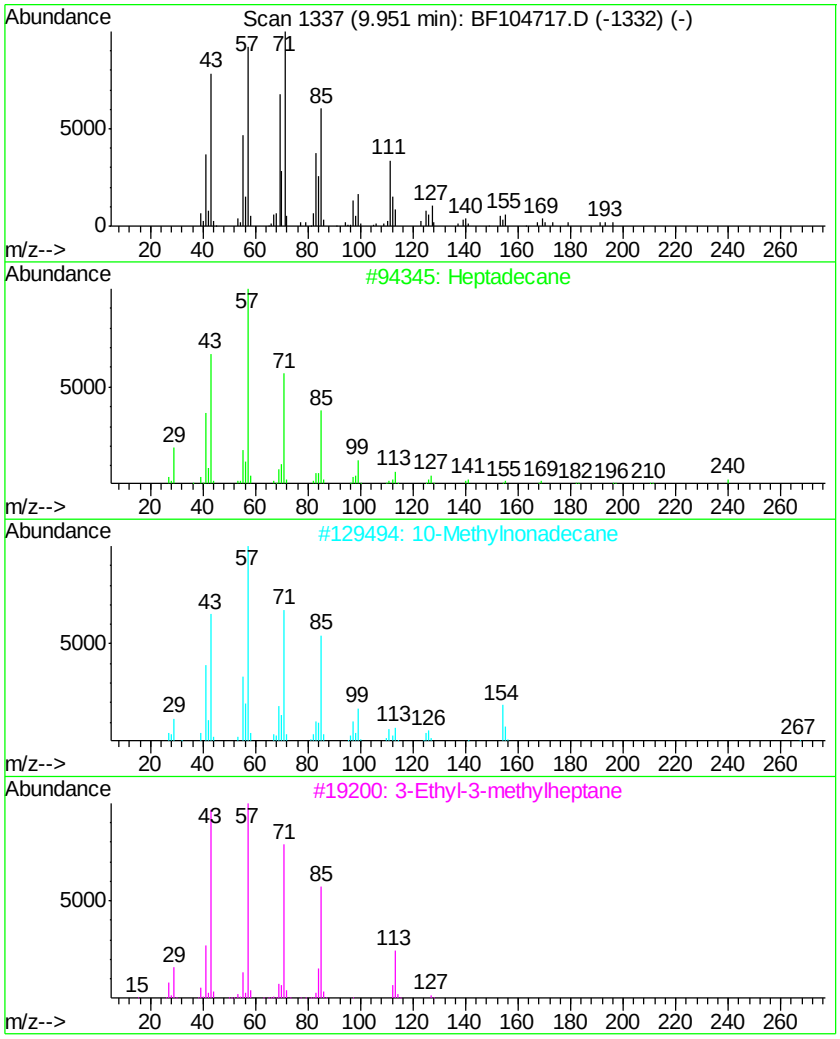
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

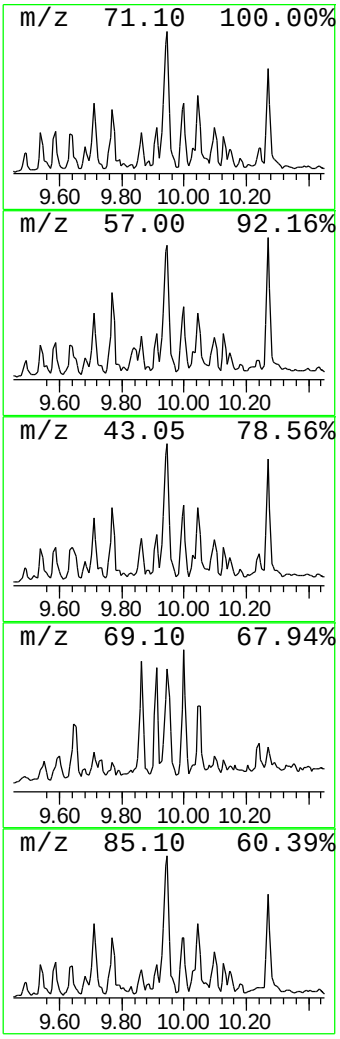
****

Peak Number 3 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	8.04 ng	478002	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	64
2	10-Methylnonadecane	282	C20H42	056862-62-5	59
3	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	58
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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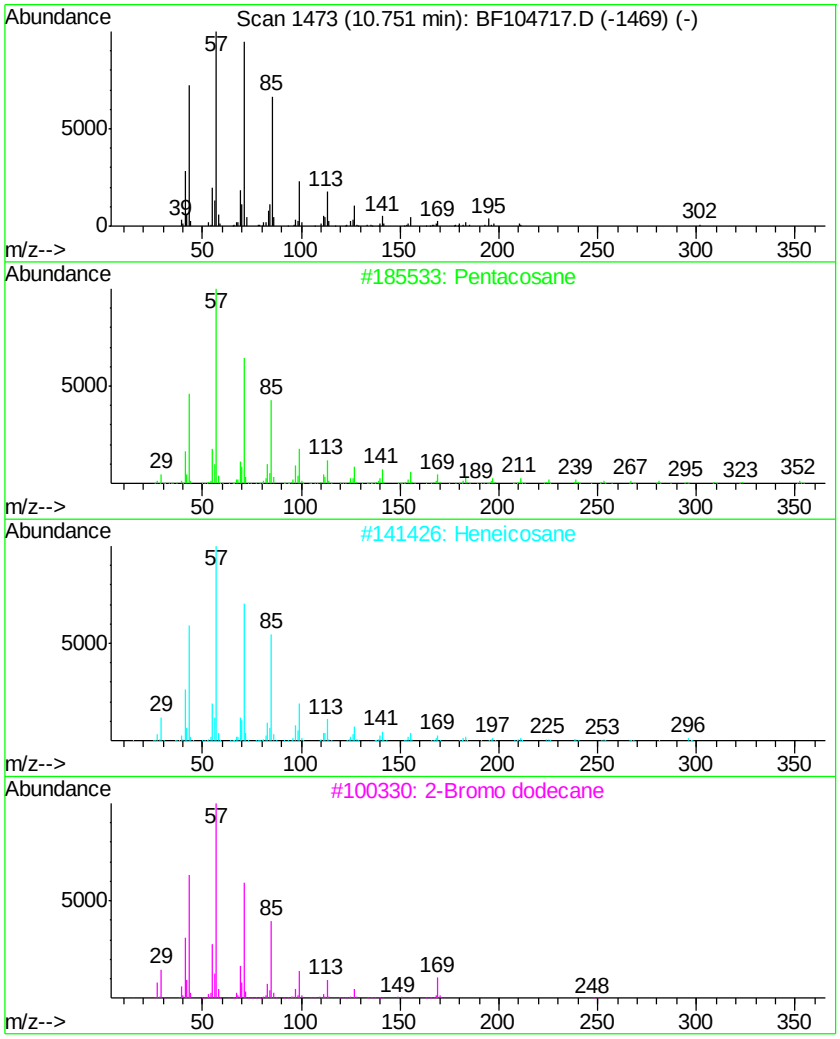
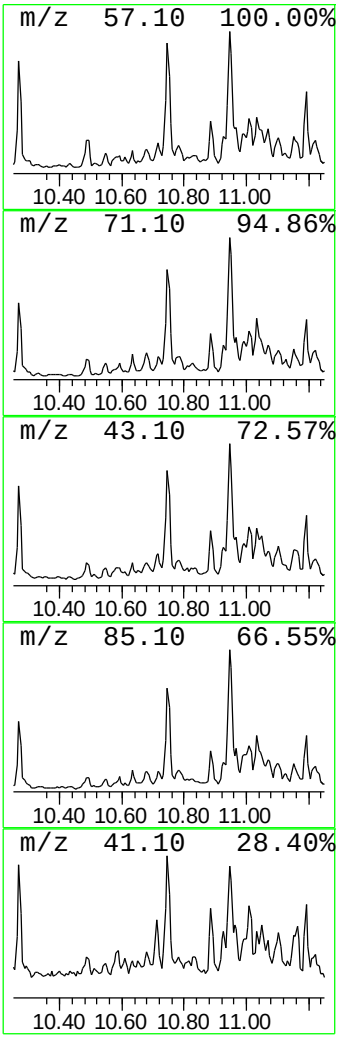
Peak Number 4 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	10.43 ng	387638	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	Heneicosane	296	C21H44	000629-94-7	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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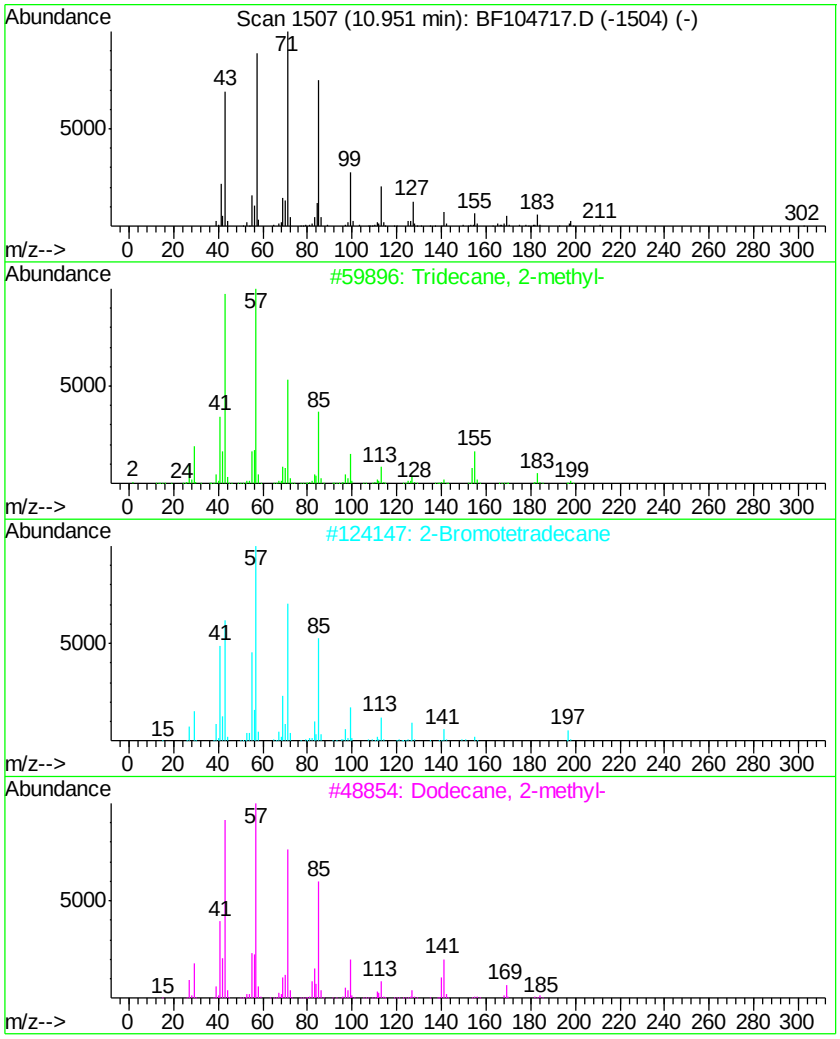
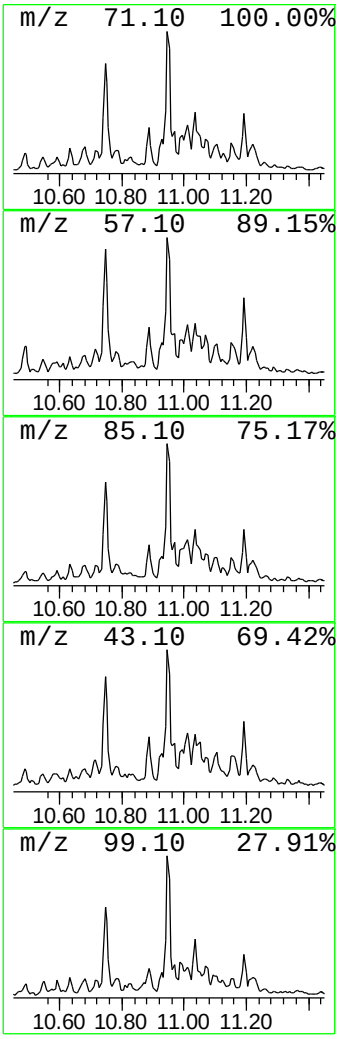
Peak Number 5 Tridecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	13.50 ng	501920	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	78
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4	5,5-Dibutylnonane	240	C17H36	006008-17-9	53
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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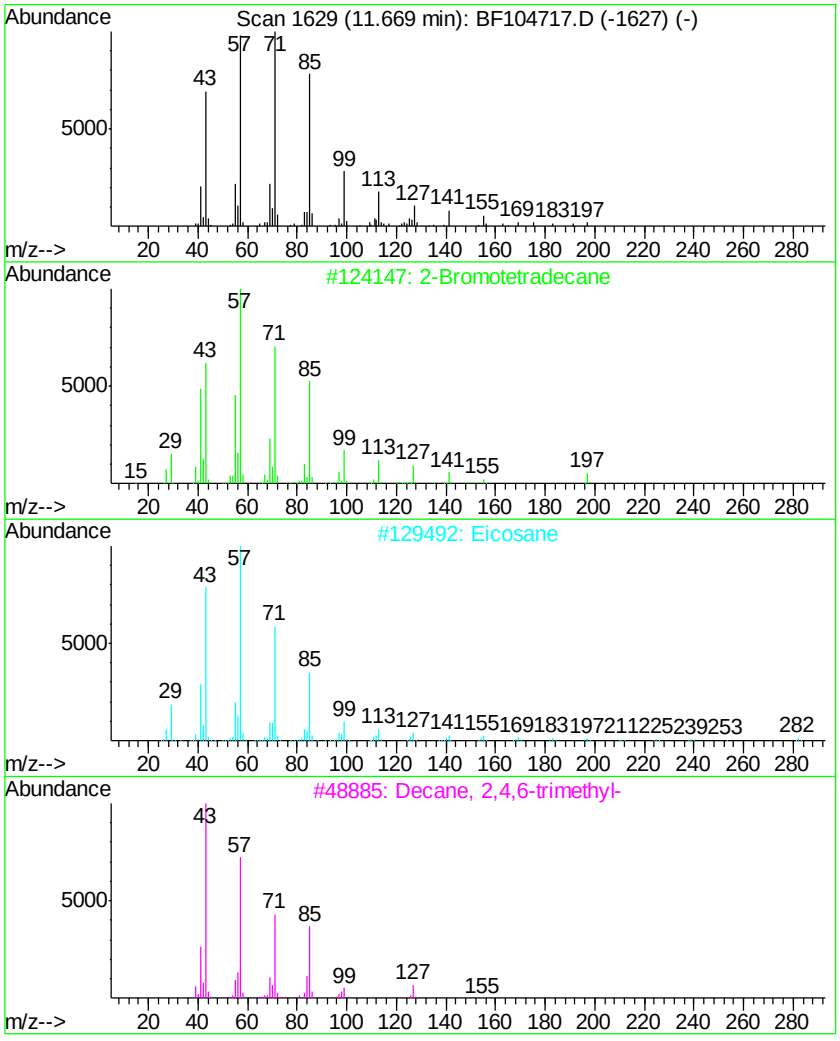
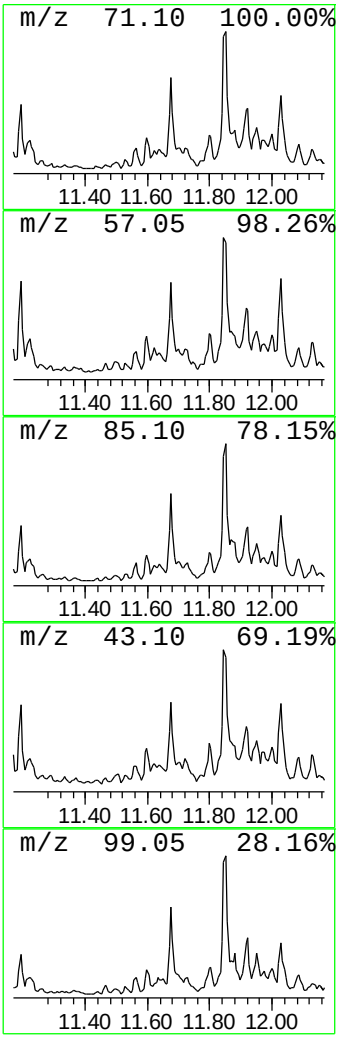
Peak Number 6 2-Bromotetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	7.76 ng	288423	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
2	Eicosane	282	C20H42	000112-95-8	59
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53
4	Heptacosane	380	C27H56	000593-49-7	47
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	47





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Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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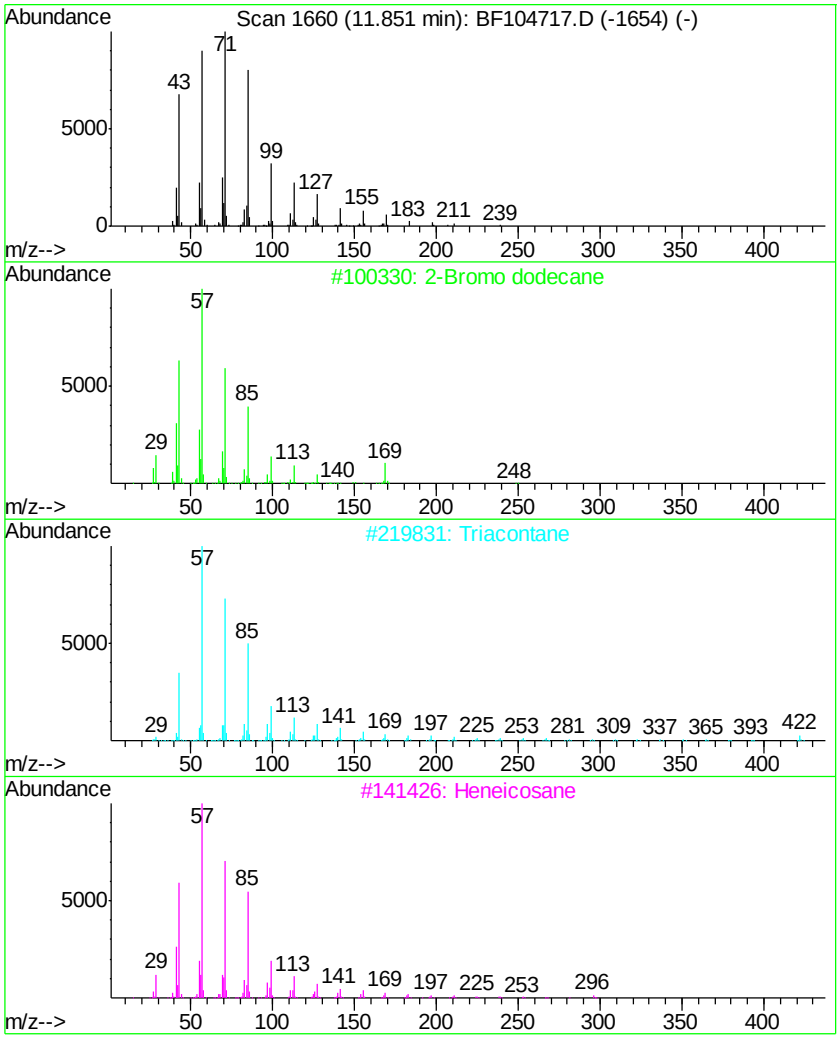
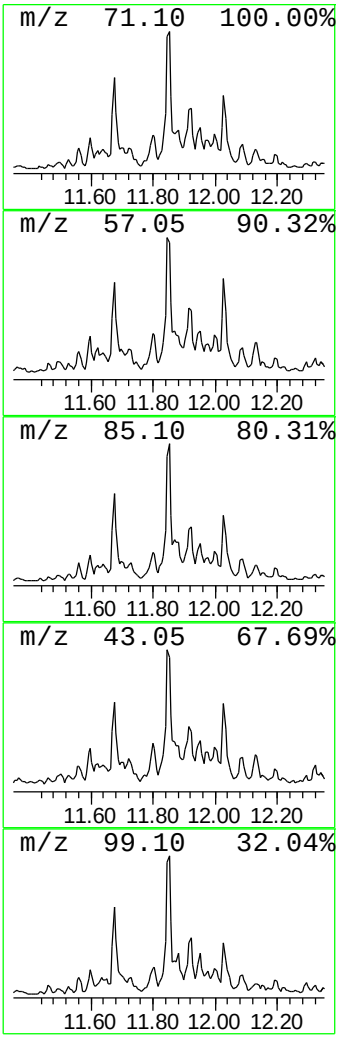
Peak Number 7 2-Bromo dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	21.27 ng	790557	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Triacontane	422	C30H62	000638-68-6	78
3	Heneicosane	296	C21H44	000629-94-7	72
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	58





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Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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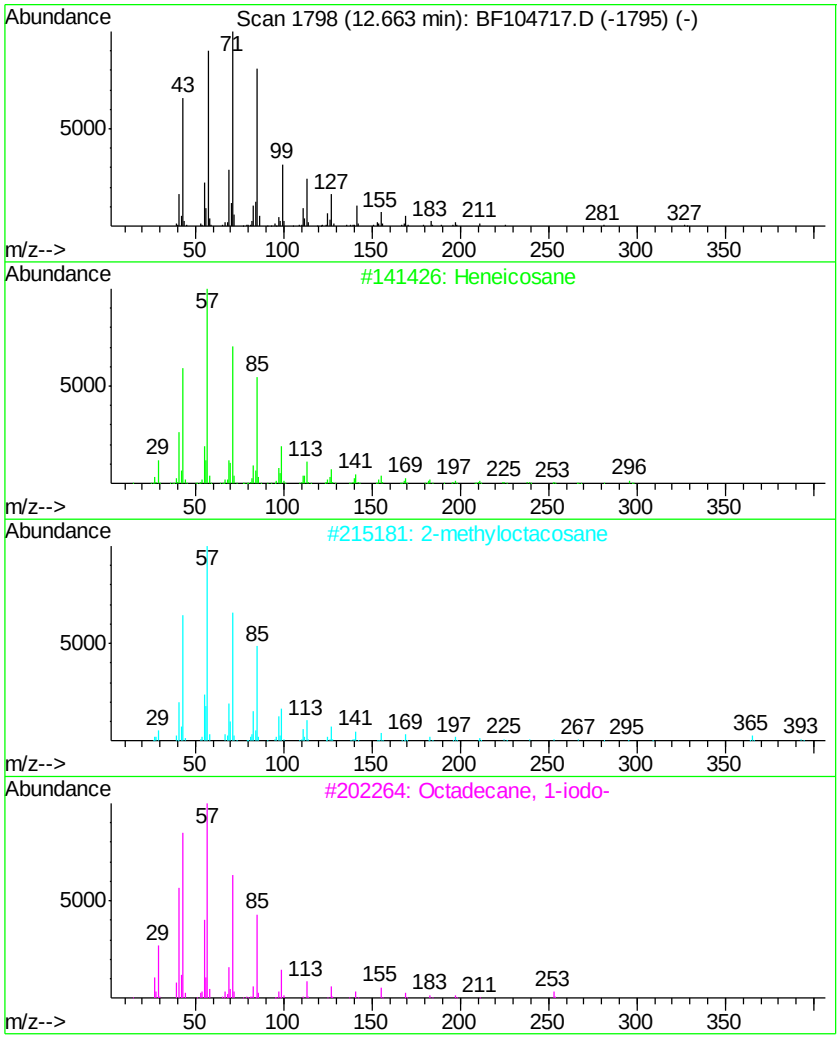
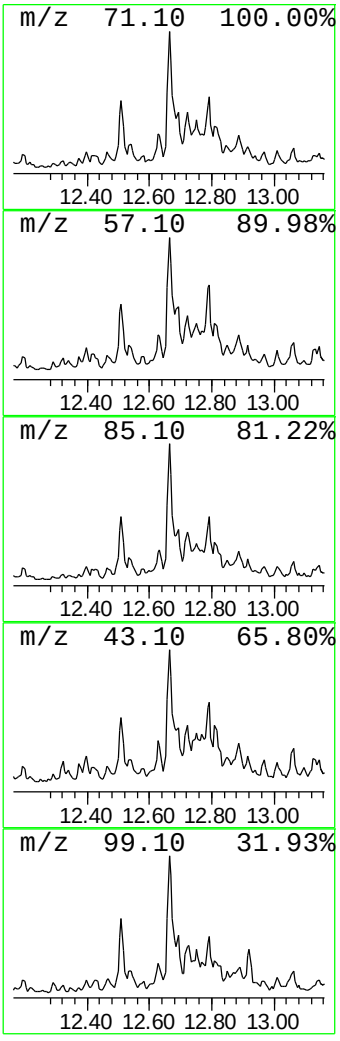
Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	17.41 ng	647183	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	2-methyloctacosane	408	C29H60	1000376-72-8	72
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4	Docosane	310	C22H46	000629-97-0	72
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	72





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Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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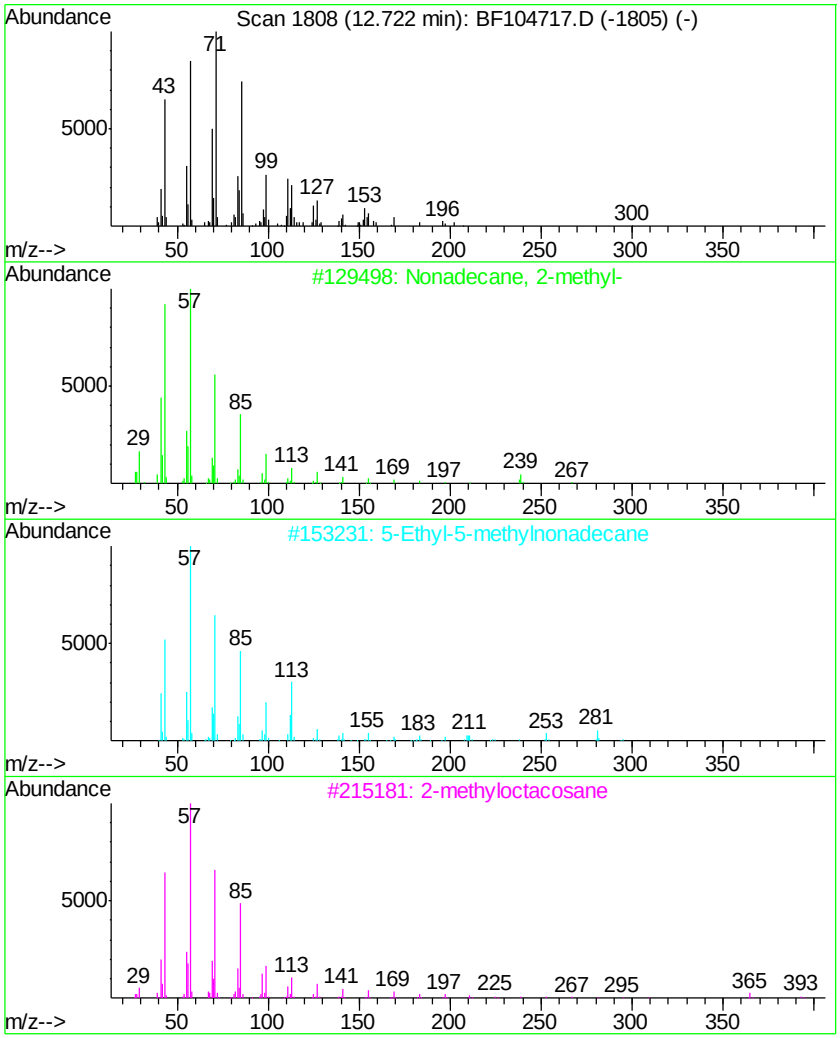
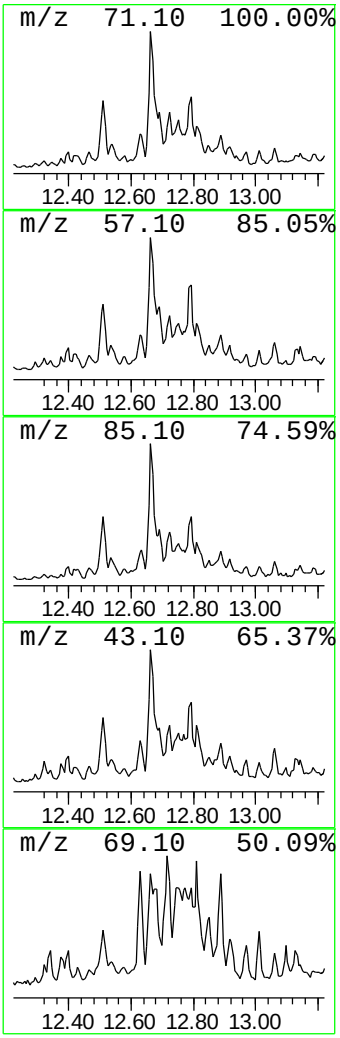
Peak Number 9 Nonadecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	9.35 ng	293678	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	59
2	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	59
3	2-methyloctacosane	408	C29H60	1000376-72-8	59
4	Eicosane	282	C20H42	000112-95-8	53
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	52





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Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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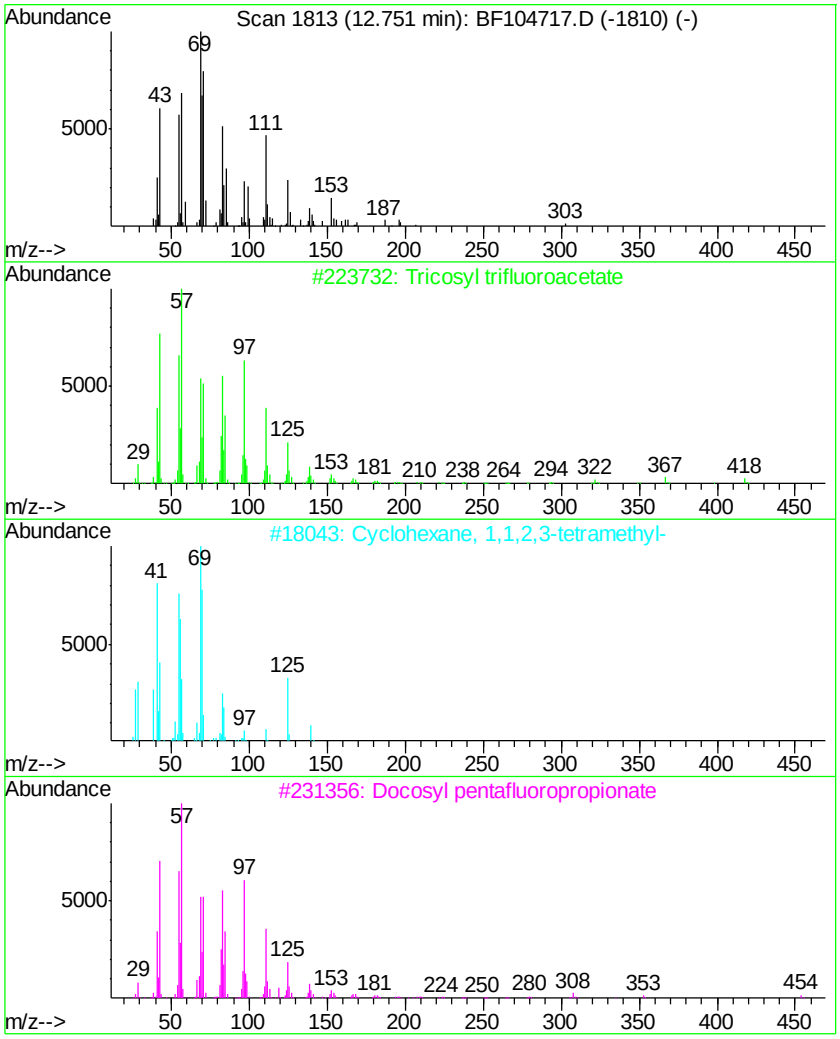
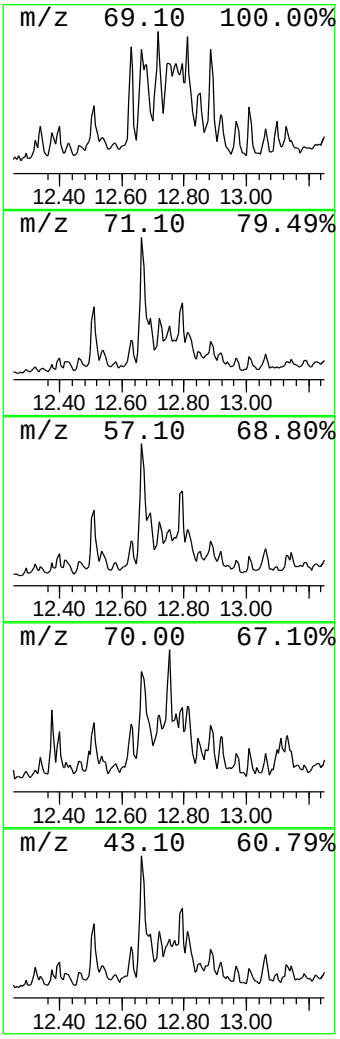
Peak Number 10 unknown12.75 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	9.93 ng	311685	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	38
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	35
4	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	35
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	35





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Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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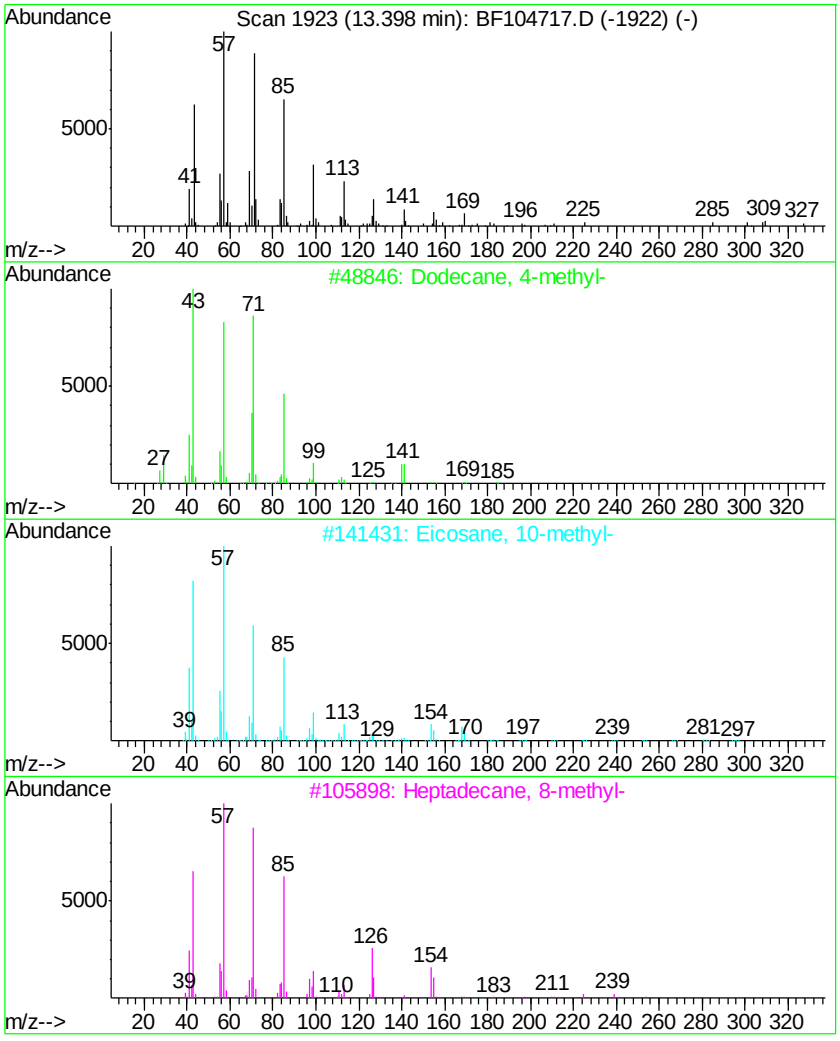
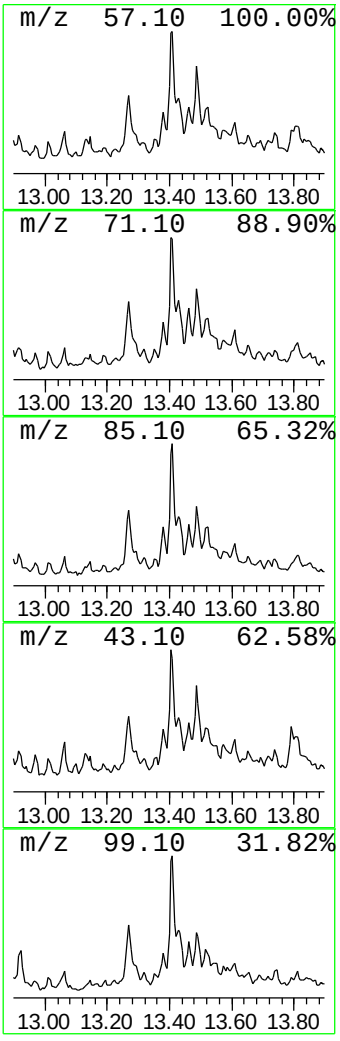
Peak Number 12 Dodecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	14.79 ng	464220	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	59
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	53





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Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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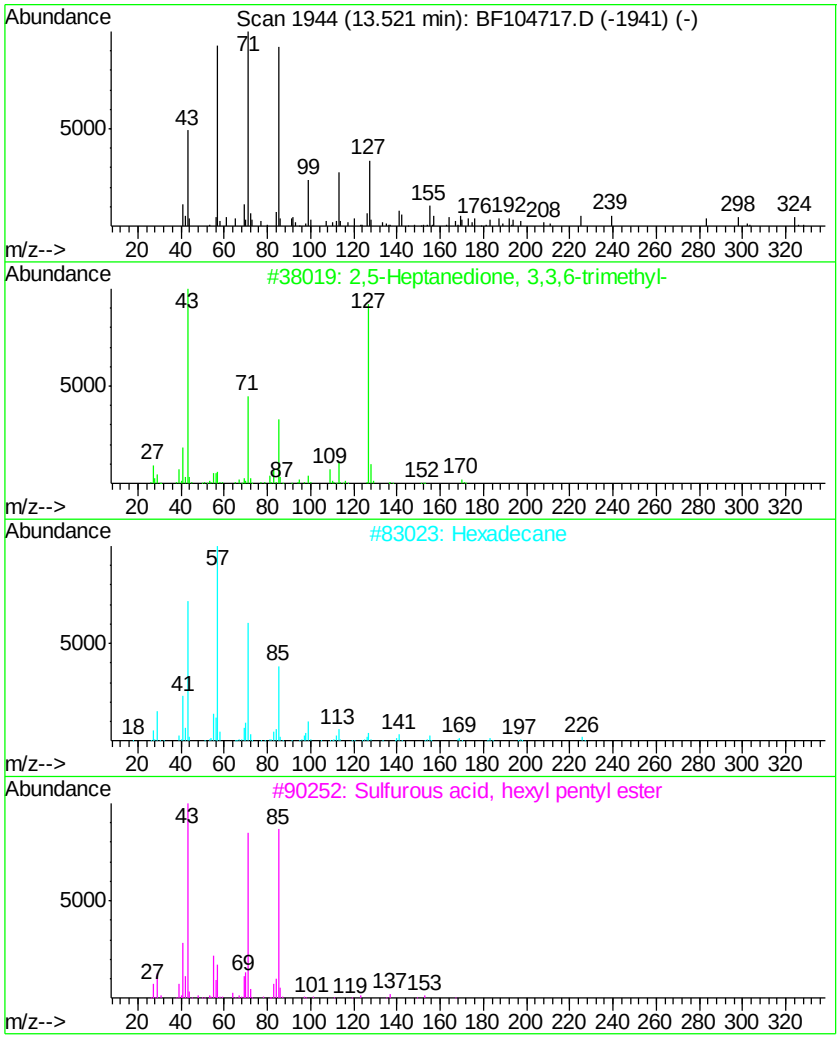
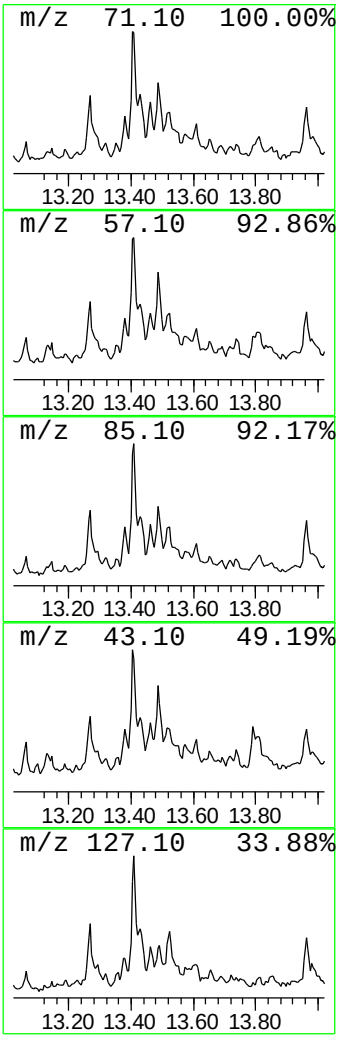
Peak Number 14 2,5-Heptanedione, 3,3,6-tri... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	9.71 ng	304738	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Heptanedione, 3,3,6-trimethyl-	170	C10H18O2	051513-40-7	53
2	Hexadecane	226	C16H34	000544-76-3	50
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	47
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38





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Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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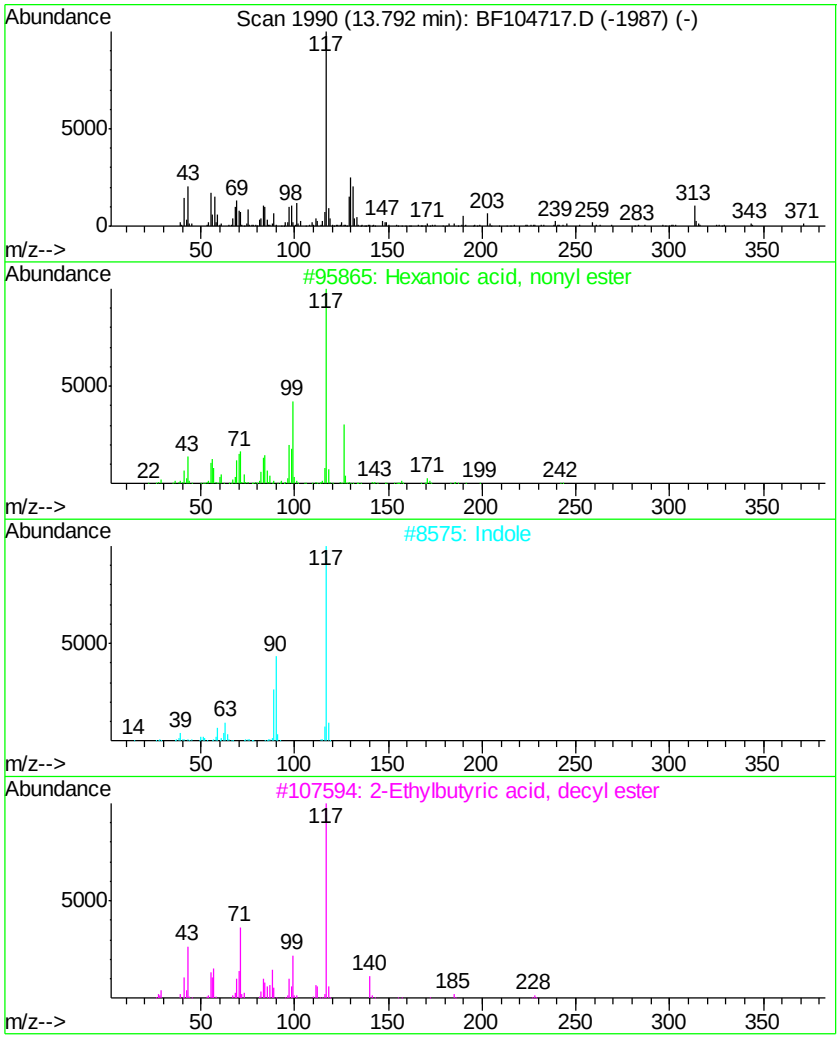
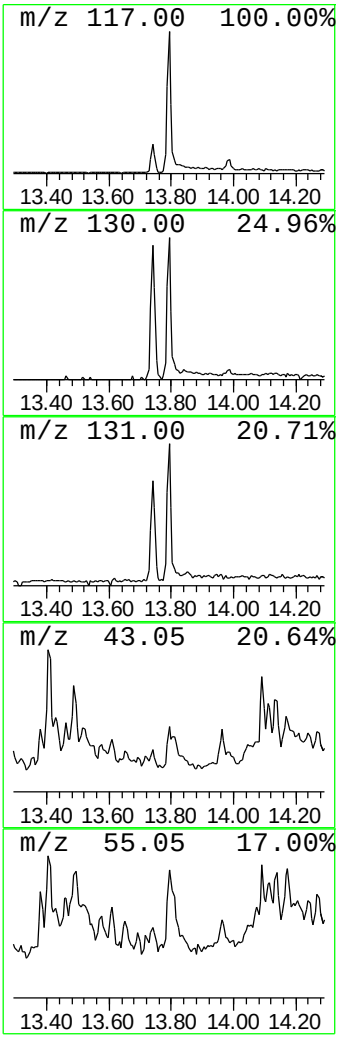
Peak Number 15 unknown13.79 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	12.81 ng	402182	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, nonyl ester	242	C15H30O2	101452-99-7	38
2	Indole	117	C8H7N	000120-72-9	38
3	2-Ethylbutyric acid, decyl ester	256	C16H32O2	1000369-50-8	38
4	1-Dimethyl(trimethylsilylmethyl)...	278	C15H26OSi2	1000216-95-7	38
5	2-Ethylbutyric acid, octadecyl e...	368	C24H48O2	1000369-75-3	37





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Acq On : 23 Apr 2018 18:41
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Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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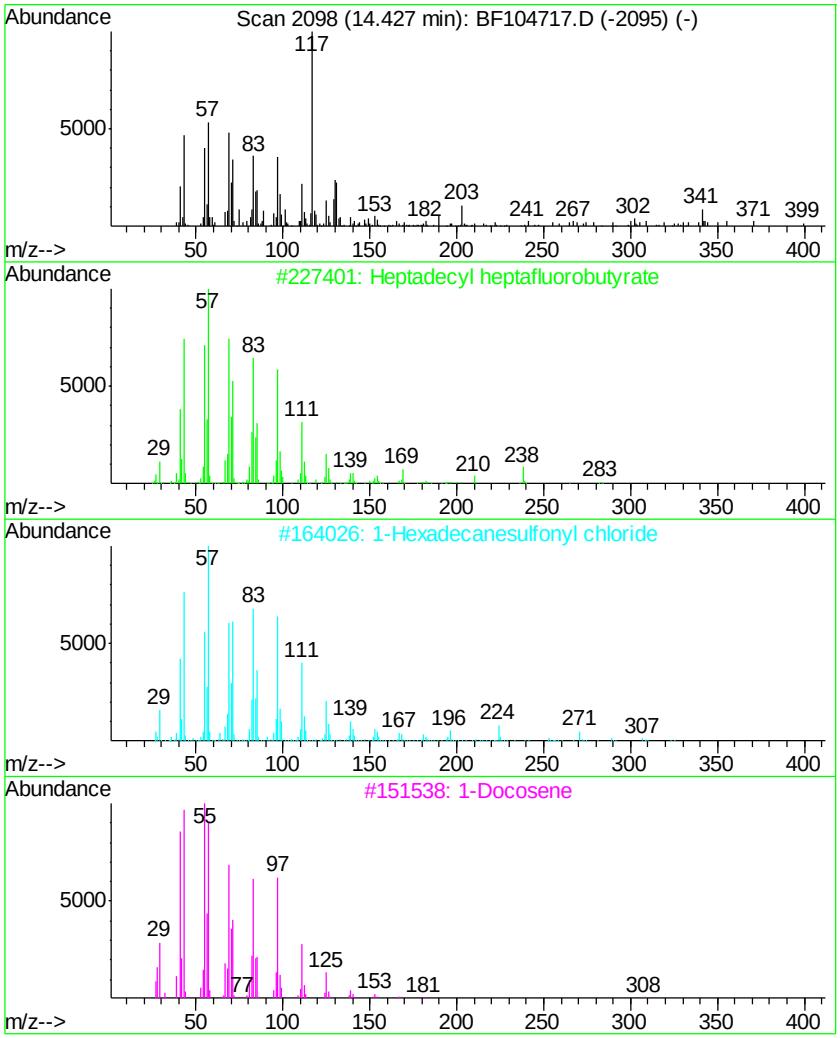
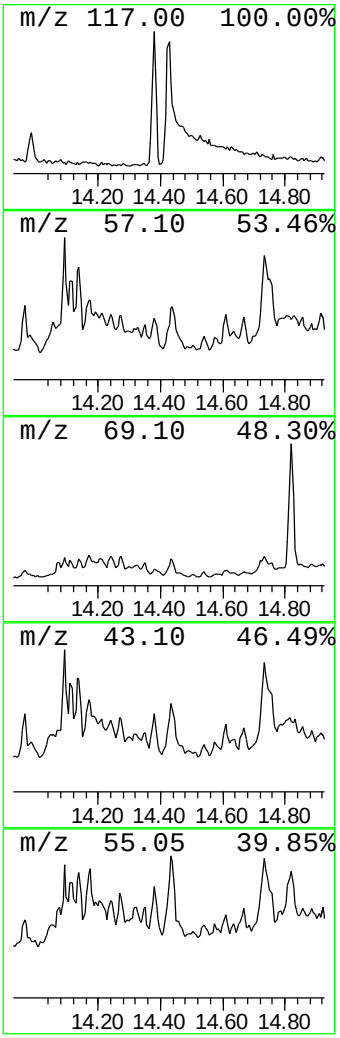
Peak Number 16 Heptadecyl heptafluorobutyrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	11.87 ng	372516	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	62
2	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	50
3	1-Docosene	308	C22H44	001599-67-3	45
4	17-Pentatriacontene	491	C35H70	006971-40-0	45
5	Docosyl heptafluorobutyrate	522	C26H45F7O2	1000351-83-1	41





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Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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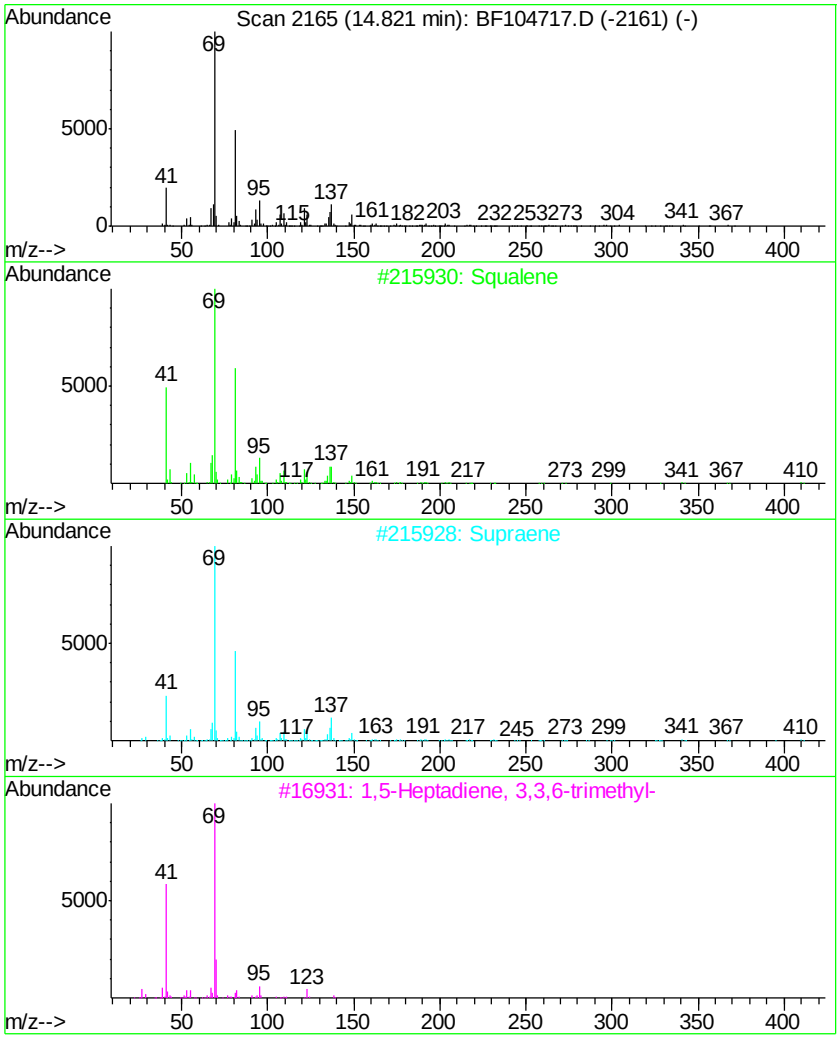
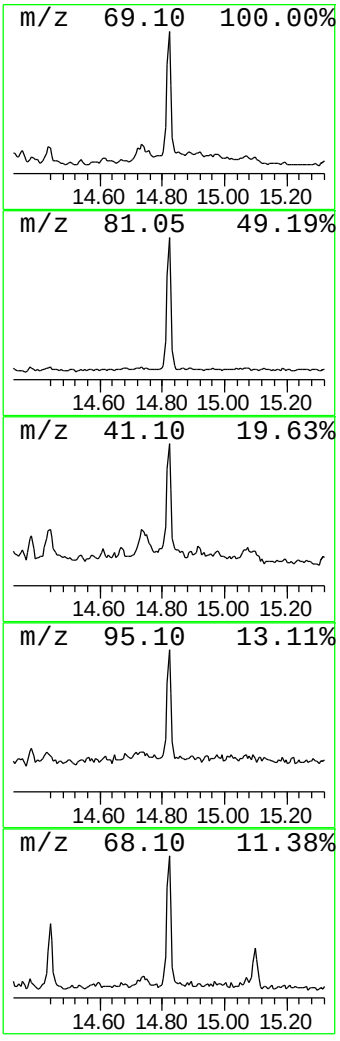
Peak Number 18 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	12.37 ng	419217	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	50
5	1,5-Heptadiene, 2,6-dimethyl-	124	C9H16	006709-39-3	47





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Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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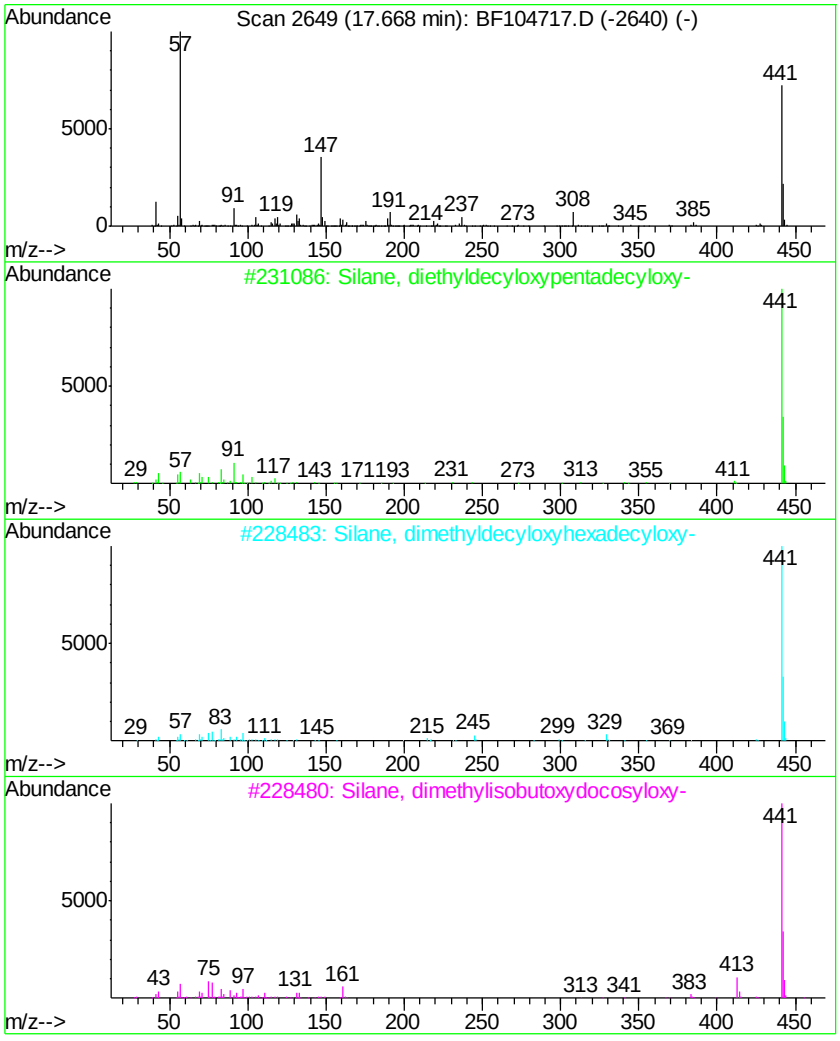
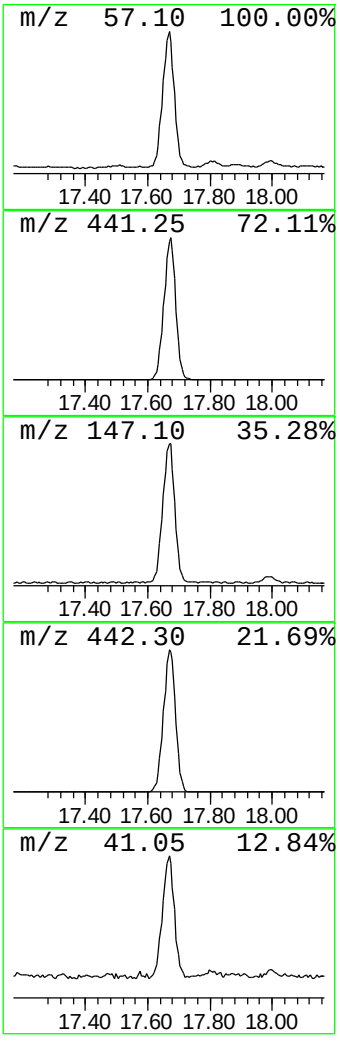
Peak Number 19 unknown17.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	46.34 ng	1570740	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, diethyldecyloxypentadecyl...	470	C29H62O2Si	1000363-96-6	23
2	Silane, dimethyldecyloxyhexadecyl...	456	C28H60O2Si	1000346-93-1	23
3	Silane, dimethylisobutoxydocosyl...	456	C28H60O2Si	1000346-77-8	12
4	Silane, dimethyl(docosyloxy)butoxy-	456	C28H60O2Si	1000347-86-1	10
5	Silane, dimethyloctyloxyoctadecy...	456	C28H60O2Si	1000346-75-5	9





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Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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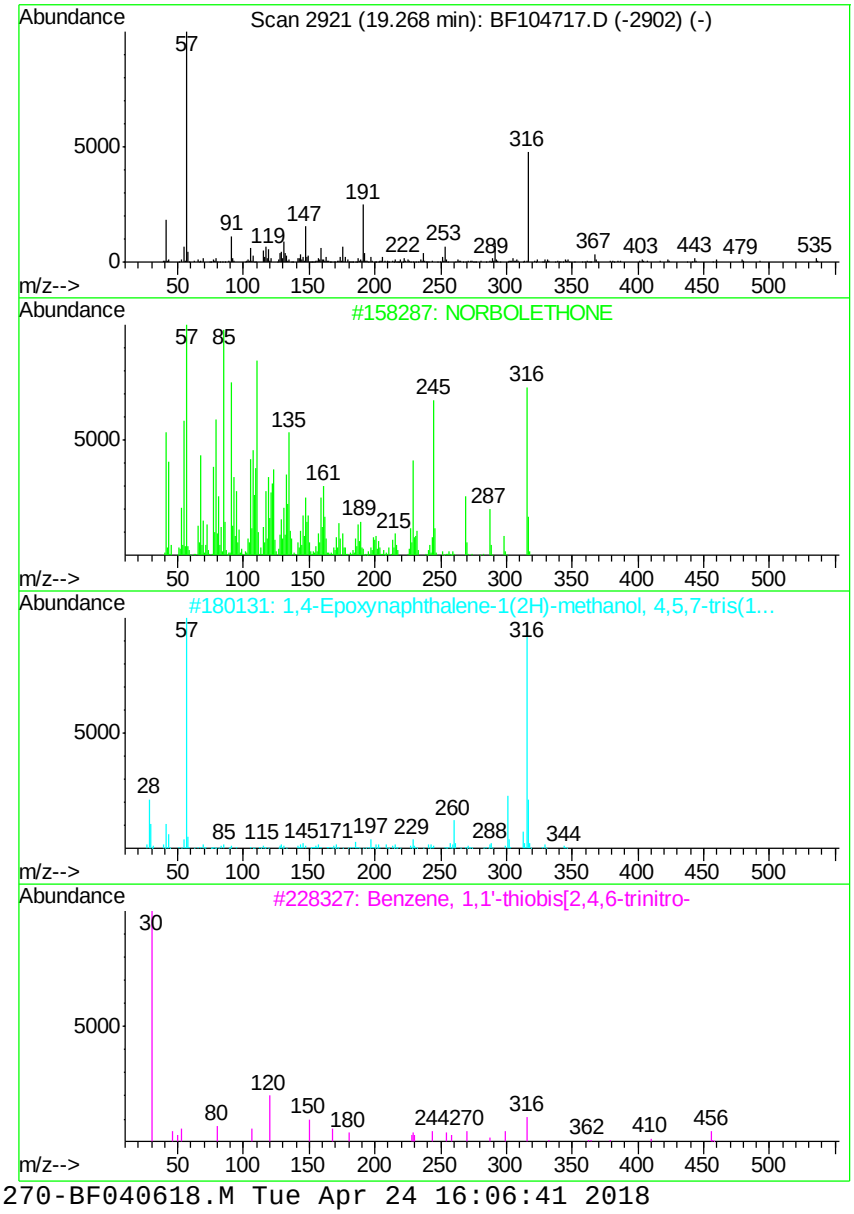
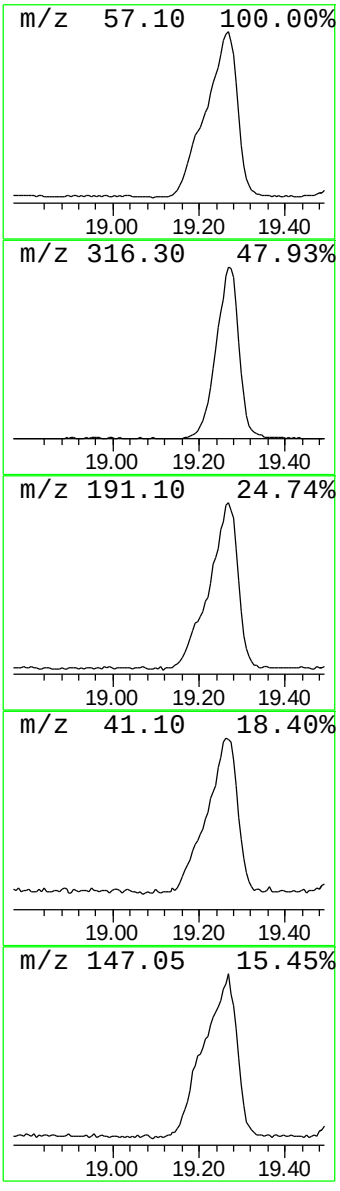
Peak Number 20 unknown19.27 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	90.27 ng	3059760	Perylene-d12	15.46

Hit# of 3	Tentative ID	MW	MolForm	CAS#	Qual
1	NORBOLETHONE	316	C21H32O2	1000357-12-9	9
2	1,4-Epoxynaphthalene-1(2H)-metha...	344	C23H36O2	056771-86-9	2
3	Benzene, 1,1'-thiobis[2,4,6-trin...	456	C12H4N6O12S	002217-06-3	1





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042318\
Data File : BF104717.D
Acq On : 23 Apr 2018 18:41
Operator : JU/SJ
Sample : J2503-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-2-1-PPE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.58	6.58	28.8	ng	889081	1	6.80	618128	20.0
Heptadecane	9.95	8.0	ng	478002	3	9.85	1188410	20.0
Pentacosane	10.75	10.4	ng	387638	4	11.34	743373	20.0
Tridecane, 2-methyl-	10.95	13.5	ng	501920	4	11.34	743373	20.0
2-Bromotetradecane	11.67	7.8	ng	288423	4	11.34	743373	20.0
2-Bromo dodecane	11.85	21.3	ng	790557	4	11.34	743373	20.0
Heneicosane	12.66	17.4	ng	647183	4	11.34	743373	20.0
Nonadecane, 2-met...	12.72	9.3	ng	293678	5	13.99	627855	20.0
unknown12.75	12.75	9.9	ng	311685	5	13.99	627855	20.0
Dodecane, 4-methyl-	13.40	14.8	ng	464220	5	13.99	627855	20.0
2,5-Heptanedione,...	13.52	9.7	ng	304738	5	13.99	627855	20.0
unknown13.79	13.79	12.8	ng	402182	5	13.99	627855	20.0
Heptadecyl heptaf...	14.43	11.9	ng	372516	5	13.99	627855	20.0
Squalene	14.82	12.4	ng	419217	6	15.46	677949	20.0
unknown17.67	17.67	46.3	ng	1570740	6	15.46	677949	20.0
unknown19.27	19.27	90.3	ng	3059760	6	15.46	677949	20.0